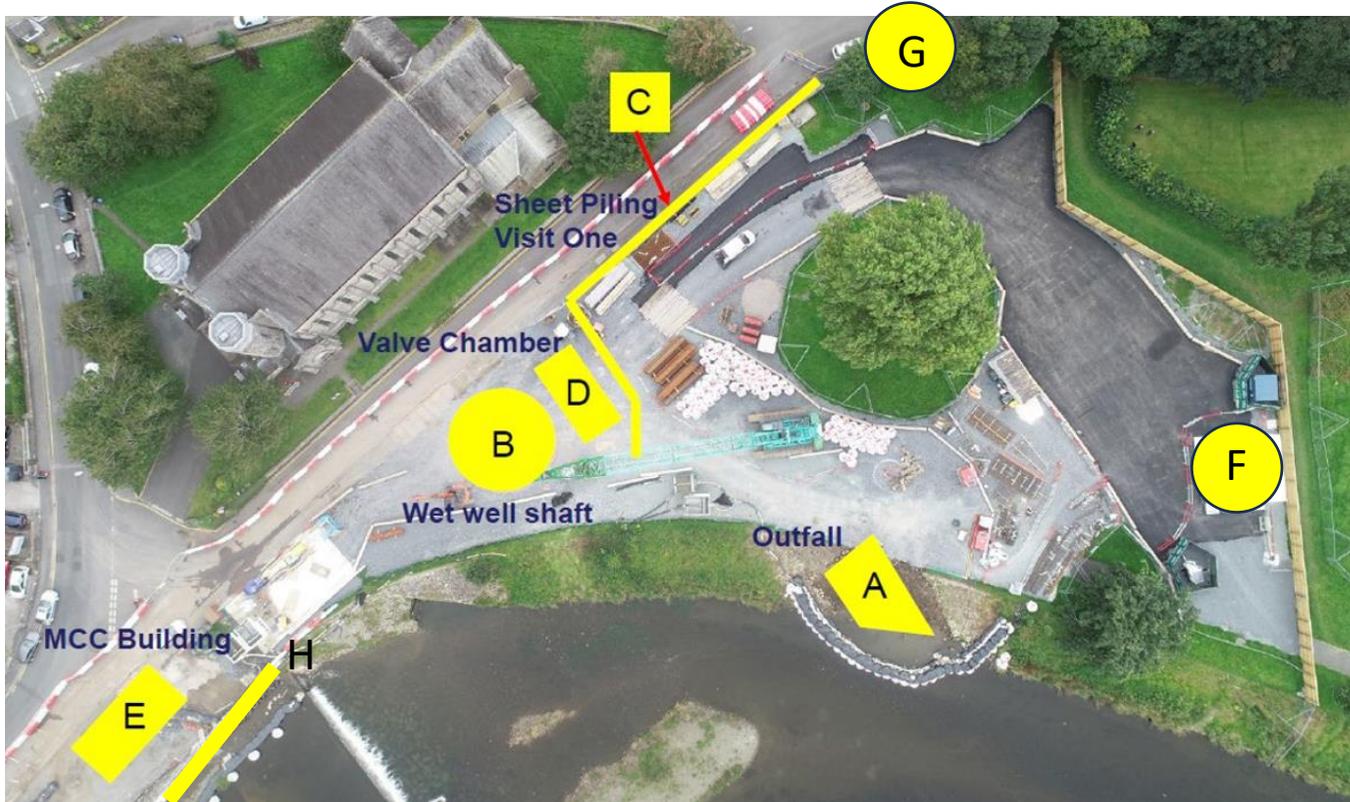


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 15th July 2024



A – Outfall

35%

B – Wet well shaft

80%

C – Flood Wall

35%

D – Valve Chamber

65%

E – Motor Control Centre Building

60%

F – ENWL Cabin electricity connection

COMPLETE

G – Kerbing construction

COMPLETE

H – Glass panel flood wall

COMPLETE

Overall completion -

78%

A – Outfall

The new Stock Beck outfall into the river Kent.

B – Wet Well Shaft

This is the underground structure which will house the pumps for stock beck designed to transfer water of Stock Beck from the Well to the Outfall (A).

C – Flood wall construction

Constructed from a sheet pile foundation the concrete flood wall will be clad in local stone.

D – Valve Chamber

This chamber will house the valves for the onward pumping of Stock Beck in flood conditions.

E – Motor Control Centre Building (MCC)

This building will house all the electrical infrastructure that will power the stock beck pumps in flood conditions.

F – Staff welfare cabins

On site accommodation for our staff working in this area.

G – Kerbing

Kerbing is now complete in this location and forms part of our flood defence.

H – Glass panel flood wall

The glass panels will be partially uncovered with the remaining uncovered once the MCC building is completed

Overall completion tracker

78%

What's happening this week

- **Motor Control Building** – Stone cladding is well on the way reaching above head height and we have now erected scaffolding to the building to allow us to work on the next section of the block work.
- **Sewer Diversion** – Waitings our Contractor's will be starting the Underpass chamber in the coming weeks in the location of Castle Street. This means the new sewer diversion will be constructed under the existing Stock Beck culvert creating an underpass chamber for which the new sewer will sit. This operation will require a pumping regime to manage groundwater and water seeping from Stock Beck culvert.
- **Piling** - Piling activities will be required as part of the sewer diversion as sheet piles will need to be pushed into the ground to create a cut off so a safe and dry underground working area can be created. Piling activities will be starting on Wednesday 17th July for 5 days maximum. Noise and vibration monitors will be in place for the duration to ensure our work remains in agreed tolerance.
- **Pumping arrangements** – Waitings will have a super silent generator operating pumps for the duration of the sewer diversion works outlined above which will be required to be operating on a constant basis. We are installing a number of noise reduction barriers around the equipment and locating it as far away from properties as we can to mitigate any noise disruption.



Motor Control Centre Building – Housing for all the electrical equipment for the Stock Beck pumps



Valve chamber – Holding the pipe valves that pump Stockbeck onwards to the outfall



Sewer Diversion – sheet piled dry working area with new sewer pipe

What's Happening This Week

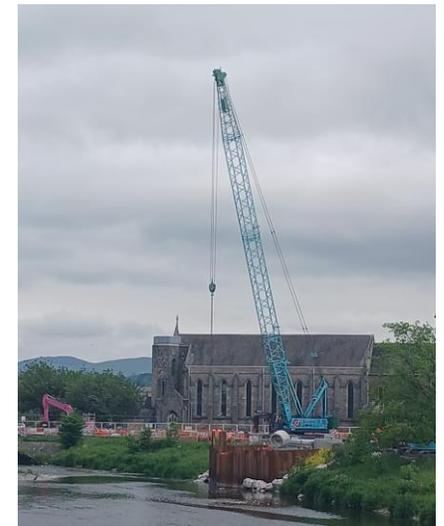
- **Crane movement** – The large crane which we demobilised and removed from site in May will return week commencing 15th July. This will enter the site from Castle Street, and we do not expect any disruption to residents or businesses in the area because of this movement.
- **Wet Well** – The majority of the wet well structure is now complete. This is a 4.5m deep X 9m wide shaft that once complete will take water from Stock Beck in storm conditions. The frame as seen in the picture is in place to support the structure of the wet well ring as we have penetrated the structure to allow the connection of the pump pipes. We are currently awaiting our delivery for the pipes, which will connect the pipes being installed into the valve chamber.
- **Valve Chamber** – The valve chamber construction is currently progressing to programme. Over the next 2 weeks we will be moving and installing the pipes into the valve chamber and finishing this area off while we await the pipes for the Wet Well so they can be connected.
- **Flood Wall** – A 21m stretch of flood wall is in construction parallel to St Georges church and will be complete towards the end of July.



Floodwall along St Georges walk in Construction



Wet Well Shaft – Underground housing of the pumps for Stock Beck



Crane that was previously on site